

Title (en)

A PROCESS OF SURFACE-TREATING WOOD VENEERS OR WOOD-VENEER SUBSTITUTE MATERIALS, AND APPARATUS FOR CARRYING OUT THE PROCESS

Publication

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Application

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Abstract (en)

[origin: EP0065940A1] An apparatus for surface treating wood veneers or substitute materials therefor comprises means (4-7) for coating one side of a film (1) of a polyester, polyvinyl chloride or a polyolefin with a thin layer of a liquid binder; at least one heated drying cylinder (9), over which the film (1) is passed with the binder-coated side facing outwardly from the cylinder (9); a plurality of nozzles (11) which extend transversely over the film and through which air is blown onto the layer of binder to heat the binder and/or evaporate at least the major part of any binder-dispersion agent or binder-solvent present; an endless conveyor belt (15) having an upper part extending over a fixedly mounted underplate (18), the conveyor belt being arranged to advance the wood veneer or substitute material therefor, optionally arranged on a plate or sheet (16) or a profiled element; and a laminating press roll (17) operating with said underplate (18) as a dolly means to form therebetween a press nip in which the film (1) is pressed onto the veneer or substitute material therefor with the binder-coated side of said film facing towards the veneer or substitute material. The invention also relates to a method of surface treating wood veneer or substitute material therefor, in which a film of the aforementioned kind is coated on one side thereof with a thin layer of liquid binder, whereafter the film is heated and air is blown onto the binder-treated side thereof to heat the binder and/or evaporate at least the major part of any binder-dispersion or binder-solvent present, whereafter the film is brought into contact with a wood veneer or substitute material therefor, optionally arranged on a sheet or profiled element, and pressed against the wood veneer or substitute material by means of one or more heated rollers.

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